

1. Report for algorithm vigilantsolutions_4

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Fig 1: Investigational mode: FNIR(N, 1, 0) vs. most accurate (yitu_4)

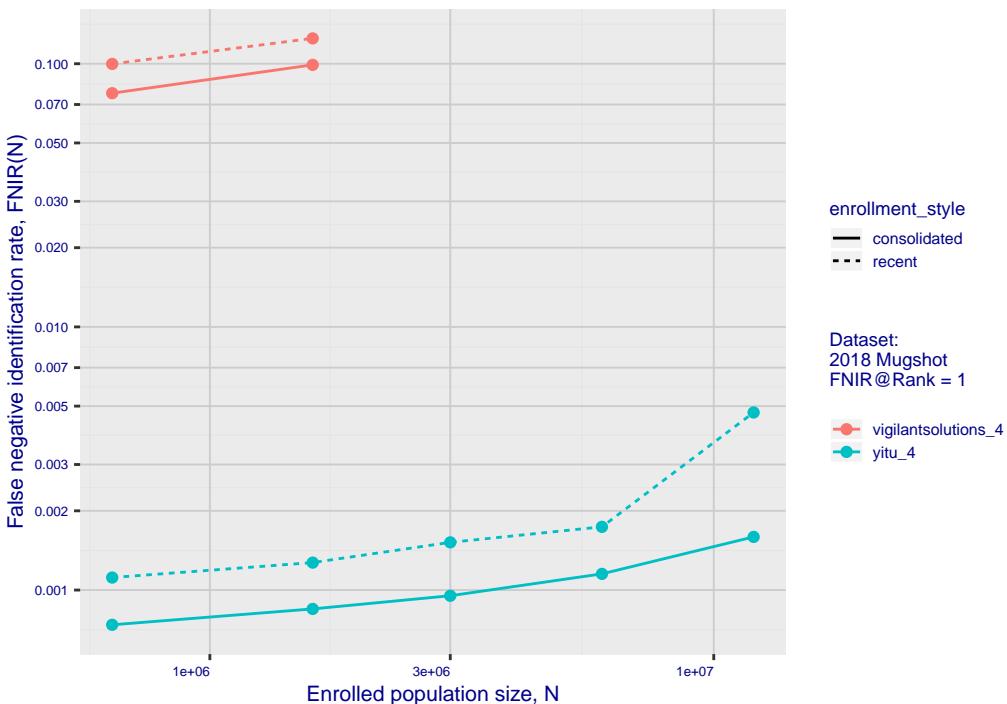


Fig 3: Identification mode: FNIR(N, L+1, T) vs. most accurate (nec_3)

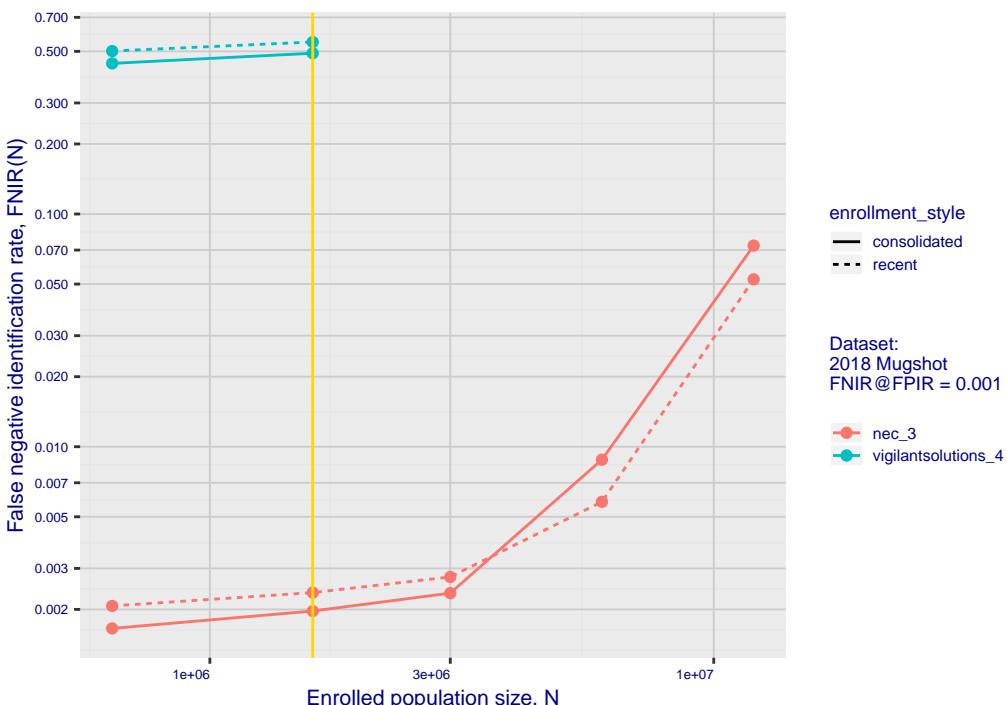


Fig 2: DETs by enrollment type

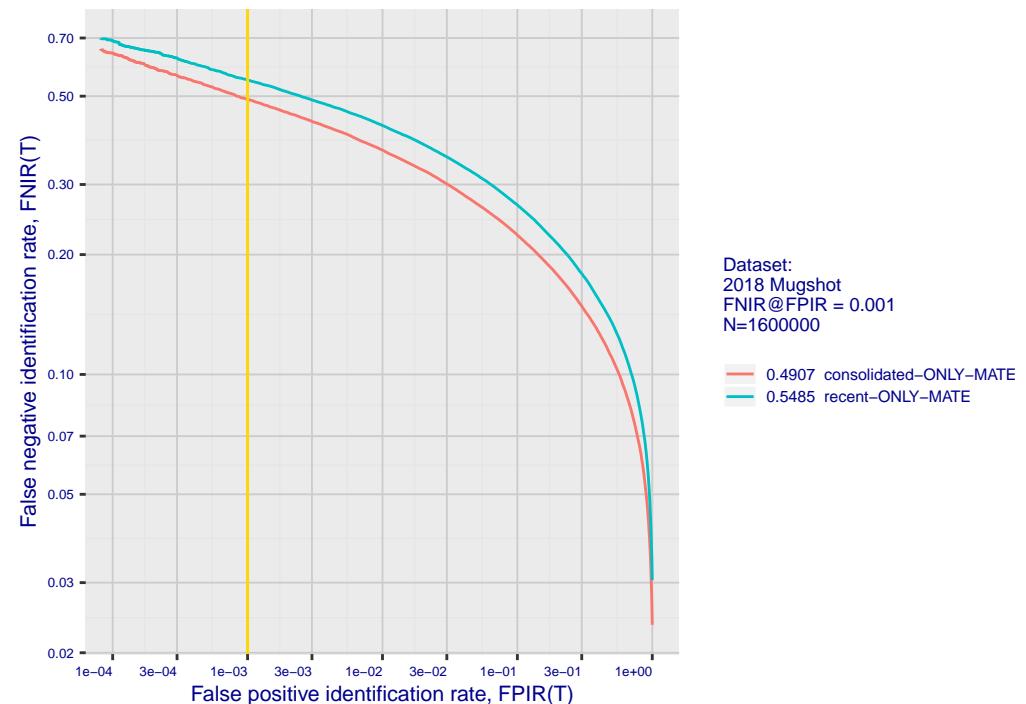
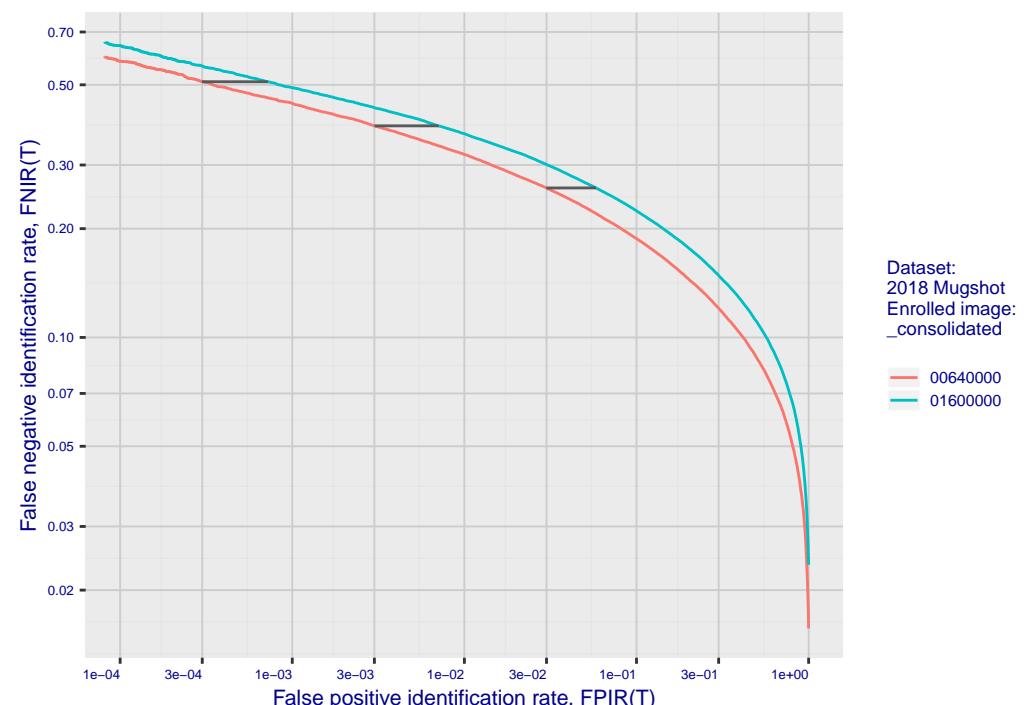


Fig 4: DET for various N. Links connect points of equal threshold.



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Fig 5: Dependence on T by number enrolled identities

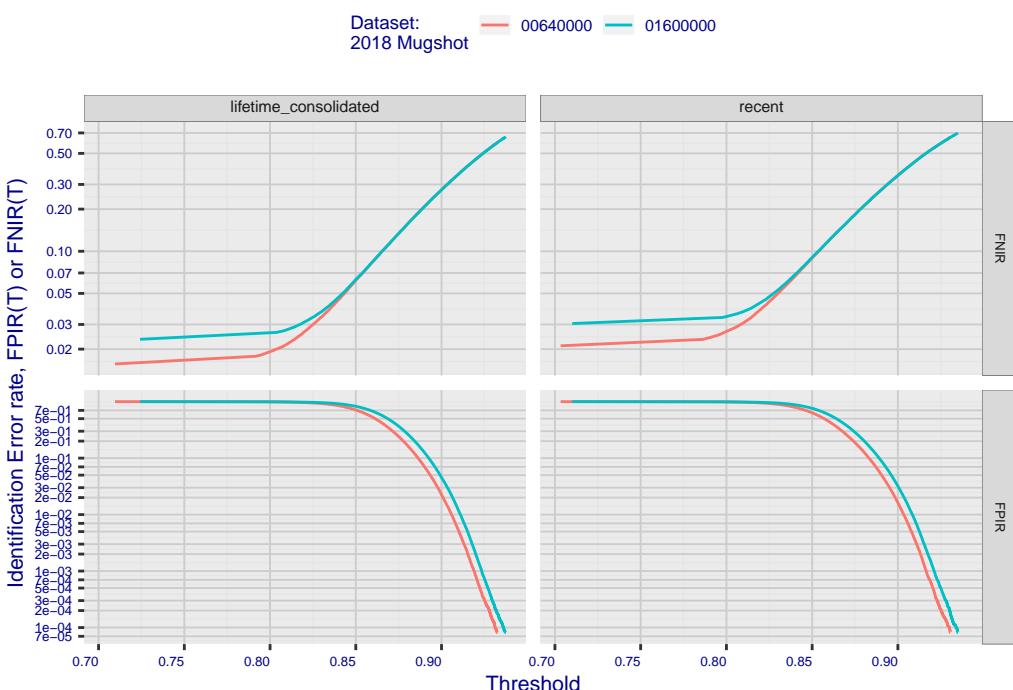


Fig 7: Investigational mode: FNIR(1600000, R, 0) by probe type

Fig 6: FPIR dependence on T by probe type

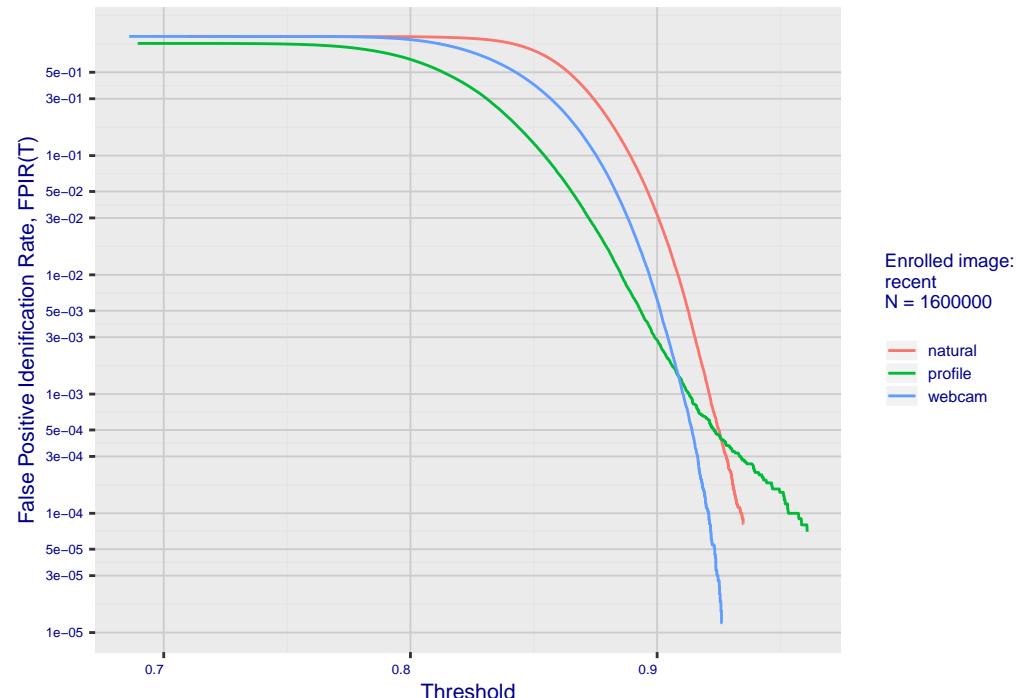
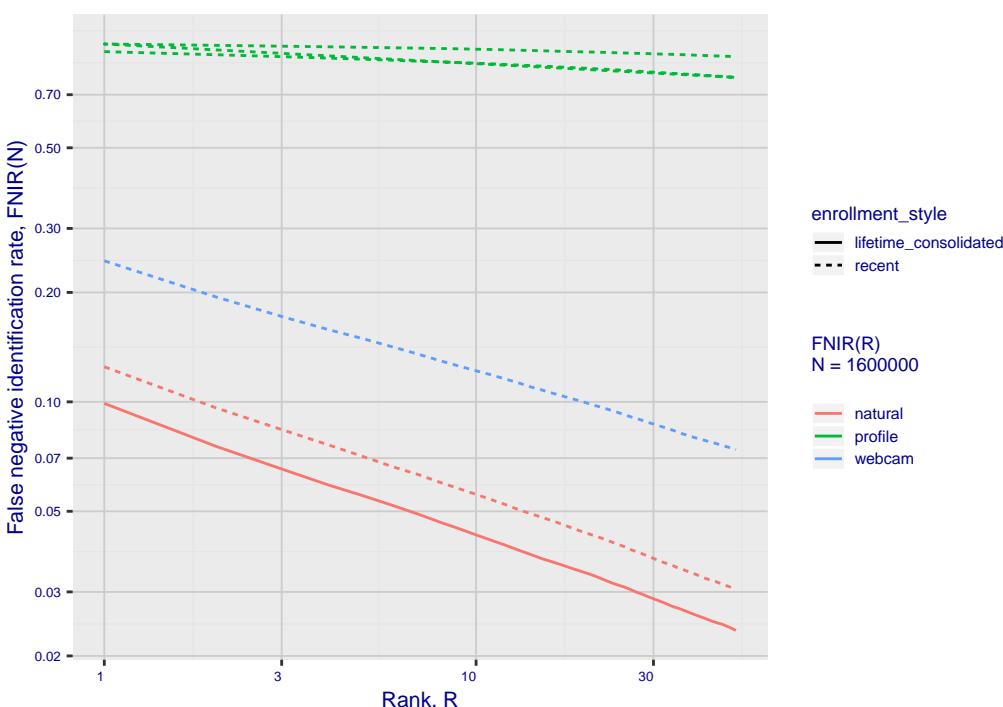


Fig 8: FPIR vs. Selectivity

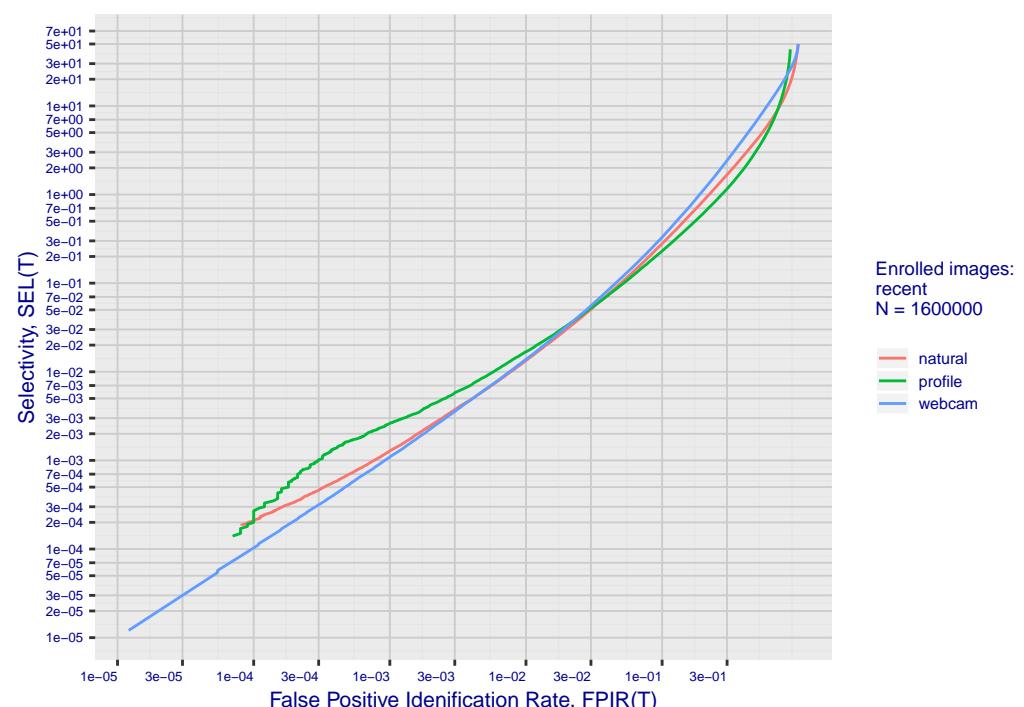


enrollment_style

— lifetime_consolidated
- - - recent

FNIR(R)
N = 1600000

— natural
— profile
— wechat



Enrolled images:
recent
 $N = 1600000$

- natural
- profile
- webcam

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Fig 10: Template duration; search duration vs. N

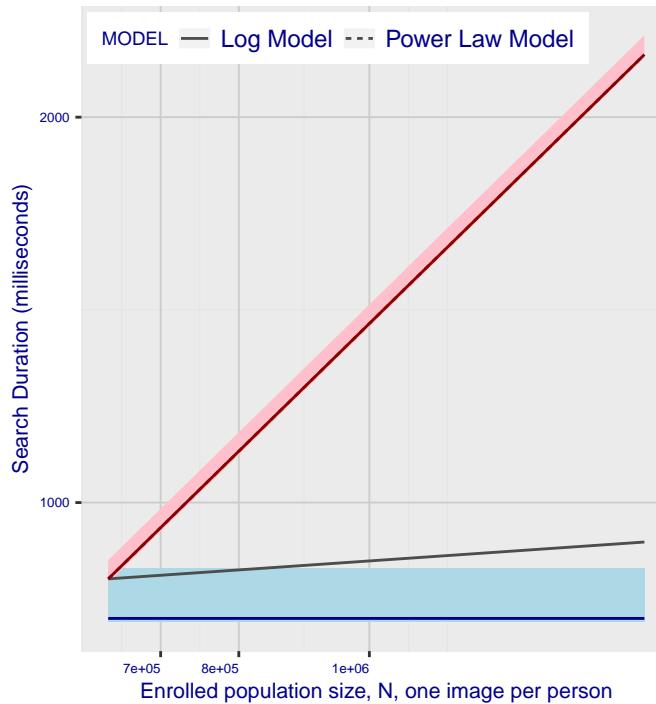


Fig 11: Datasheet

Algorithm: vigilantsolutions_4
Developer: Vigilant Solutions
Submission Date: 2018_06_21
Template size: 1544 bytes
Template time (2.5 percentile): 807 msec
Template time (median): 812 msec
Template time (97.5 percentile): 888 msec
Investigation rank 191 -- FNIR(1600000, 0, 1) = 0.1249 vs. lowest 0.0010 from sensetime_003
Identification rank 196 -- FNIR(1600000, T, L+1) = 0.5485
FPIR = 0.001 vs. lowest 0.0018 from sensetime_003